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## Toyota to Begin Leasing Advanced Fuel Cell Hybrid Vehicle

Tokyo — TOYOTA MOTOR CORPORATION (TMC) announced today that on September 1 it will begin leasing its new fuel cell hybrid vehicle model, the "TOYOTA FCHV-adv\*", to Japan's Ministry of the Environment.

TMC also plans to lease the TOYOTA FCHV-adv, which improves on the cruising distance and low-temperature startup performance of the previously leased "TOYOTA FCHV", to other national government entities, local governments and companies in or related to the energy industry. Lease terms are 840,000 yen (including tax) per month for 30 months.

By leasing its fuel cell hybrid vehicles, TMC—which became the world's first automaker to commercialize a fuel cell vehicle when it began leasing the TOYOTA FCHV in Japan in December 2002—can obtain real-world feedback for further development, including efforts to improve the durability and reduce the cost of its proprietary high-performance polymer electrolyte fuel cell, the Toyota FC Stack.

This leasing, as well as TMC's participation in other cooperative efforts with the government, the energy industry and other parties concerned is aimed at helping to bring about the widespread use of fuel cell vehicles.

\*Fuel cell hybrid vehicle-advanced

### Vehicle Specifications

Vehicle		TOYOTA FCHV-adv
Overall length/width/height (mm)		4,735/1,815/1,685
Weight (kg)		1,880
Seating capacity		5
Maximum cruising range (km)* 10-15 test cycle/JC08 test cycle		Approx. 830/Approx. 760
Maximum speed (km/h)		155
Fuel cell	Name	Toyota FC Stack
	Type	Polymer electrolyte
	Output (kW)	90
Motor	Type	Permanent magnet
	Maximum output in kW (ps)	90 (122)
	Maximum torque in N-m (kg-m)	260 (26.5)
Fuel	Type	Hydrogen
	Storage system	High-pressure storage tanks
	Maximum storage pressure (MPa)	70
	Tank capacity (L)	156
Battery		Nickel-metal hydride

Lease term

30 months  
(840,000 yen per month, including consumption tax)

\*Based on TMC calculations